

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for remotely controlling audio/visual (A/V) devices within a personal computer (PC), the method comprising:

receiving data signals from a single control device;

accessing a look-up table having a plurality of mappings between each of the data signals from said single control device and an appropriate control function[[s]] for each of the A/V devices;

translating the received data signals to particular control functions utilizing the look-up table; and

controlling the operation of the A/V devices via the PC based on the particular control functions.

2. - 3. (Cancelled)

4. (Currently Amended) The method of claim 1 wherein the device functions further comprise[[s]] a plurality of CD/DVD and TV/DVR functions.

5. (Currently Amended) A system for remotely controlling a plurality of audio/visual (A/V) devices, the system comprising:

a single remote control device with selectable button[[s]] for transmitting data signals wirelessly to access control of the plurality of A/V devices;

a connection hardware, coupling the plurality of A/V devices and the PC ,

for translating the data signals to appropriate control functions, wherein the

selectable buttons are automatically associated with the appropriate control functions for a particular A/V device; and

a PC for controlling the plurality of A/V devices utilizing the appropriate control functions.

6. (Currently Amended) The system of claim 5 wherein the connection hardware comprises a tuner box for coupling the plurality of A/V device[[s]] to the PC.

7. (Currently Amended) The system of claim 6 wherein the connection hardware further comprises a graphics board for translating the data signals to appropriate control functions for selecting and controlling operation of the plurality of A/V devices utilizing a look-up table wherein a first set of the selectable buttons are mapped to select one or more A/V devices and a second set of the selectable ~~bottoms~~ buttons are mapped to control operation as a function of the selected one or more A/V devices.

8. (Previously Presented) The system of claim 7 wherein the tuner box comprises an infrared port receiver and a register to receive the data signals from the single remote control device and for transferring the received data signals to the graphics board.

9 - 10. (Cancelled)

11. (Previously Presented) The system of claim 5 wherein the control functions comprise one of a plurality of DVD and DVR functions.

12. (Cancelled)

13. (Currently Amended) A method for remotely controlling a plurality of audio/visual (A/V) devices within a personal computer (PC) utilizing one remote control, the remote control having a plurality of buttons, the method comprising:

- providing a data signal based upon activating at least one of the plurality of buttons from the one remote control, the at least one button for controlling one of the plurality of A/V devices;
- determining automatically a control function for a particular A/V device associated with the data signal based only on the activated at least one of the plurality of buttons and the particular A/V device; and
- providing information for controlling the particular A/V device based on the control function.

14. (Currently Amended) A computer readable medium containing program instructions for remotely controlling audio/visual (A/V) devices within a personal computer (PC), the program instructions for:

- accessing a mapping of each button on a remote control device to predetermined key codes, wherein a first set of buttons select operation of one or

more A/V devices and a second set of ~~bottoms~~ buttons control operation as a function of the selected A/V device; and

translating automatically data signals from a selected button to device functions via the PC based on the key codes.

15. (Currently Amended) The computer readable medium of claim 14 further comprising utilizing a look-up table containing mappings of each ~~bottom~~ button to predetermined key codes for translating the data signals to device functions.

16. (Original) The computer readable medium of claim 15 wherein utilizing a look-up table further comprises providing a button mapping code in the PC.

17. (Currently Amended) The computer readable medium of claim 15 wherein the device functions further comprise[[s]] a plurality of CD/DVD and TV/DVR functions.

18. (Currently Amended) A method for remotely controlling audio/visual (A/V) devices within a personal computer (PC), the method comprising the steps of:

(a) mapping each button on a remote control device to predetermined key codes, wherein a first set of buttons select operation of one or more A/V devices and a second set of ~~bottoms~~ buttons control operation as a function of the selected A/V device;

(b) storing the mapping in a look-up table;

(c) receiving a first data signal corresponding to a selected one of the first set of buttons;

(d) translating the first data signal to a first control function utilizing the look-up table to select operation of a particular A/V device coupled to a PC;

(e) receiving a second data signal corresponding to a selected one of the second set of buttons; and

(f) translating the second data signal to a second control function utilizing the look-up table to control operation of the particular A/V device coupled to the PC, wherein the selected one of the second set of buttons is automatically associated with an appropriate control function for the particular A/V device.

19. (Currently Amended) A system for remotely controlling a plurality audio/visual (A/V) devices within a personal computer (PC), the system comprising:

a remote control device with selectable buttons for transmitting data signals wirelessly[[:]]

a tuner box coupled to the PC, the plurality of A/V device[[:s]] and the remote control device, for receiving the data signals for transfer to the PC; and

the PC having a graphics board for automatically translating the data signals to appropriate control functions for selecting and controlling operation of the plurality of A/V devices utilizing a look-up table wherein a first set of the selectable buttons are mapped to select one or more A/V devices and a second set

of the selectable ~~bottoms~~ buttons are mapped to control operation as a function of the selected one or more A/V devices.

20. (Previously Presented) A computer readable medium for remotely controlling audio/visual (A/V) devices within a personal computer (PC), the method comprising:

mapping each button on a remote control device to predetermined key codes in a look-up table, wherein a first set of buttons select one or more A/V devices and a second set of buttons control operation of each of the selected A/V devices and wherein a graphical user interface is not necessary;

translating automatically data signals from the remote control to device functions utilizing the look-up table, wherein the data signals include one or more of the predetermined key codes; and

controlling selection and operation of the A/V devices via the PC based on the device functions.

21. (Currently Amended) A system for remotely controlling a plurality of audio/visual (A/V) devices within a personal computer (PC), the system comprising:

a tuner box, coupled to a graphics board within the PC and the plurality of A/V devices, having an infrared ~~part~~port receiver and a register for receiving data signals for transfer to the PC;

the PC having a graphics board including a button mapping software for automatically translating the data signals to appropriate control functions and a software driver for providing information for controlling the plurality of A/V device[[s]] according to the appropriate control function, wherein a first set of the data signals are mapped to select one or more A/V device[[s]] and a second set of the data signals are mapped to control operation of the selected one or more A/V devices.

22. (Previously Presented) The system of Claim 21, further comprising a remote control device with selectable buttons for transmitting the data signals wirelessly to access control of the plurality of A/V devices.